

FIG. 1

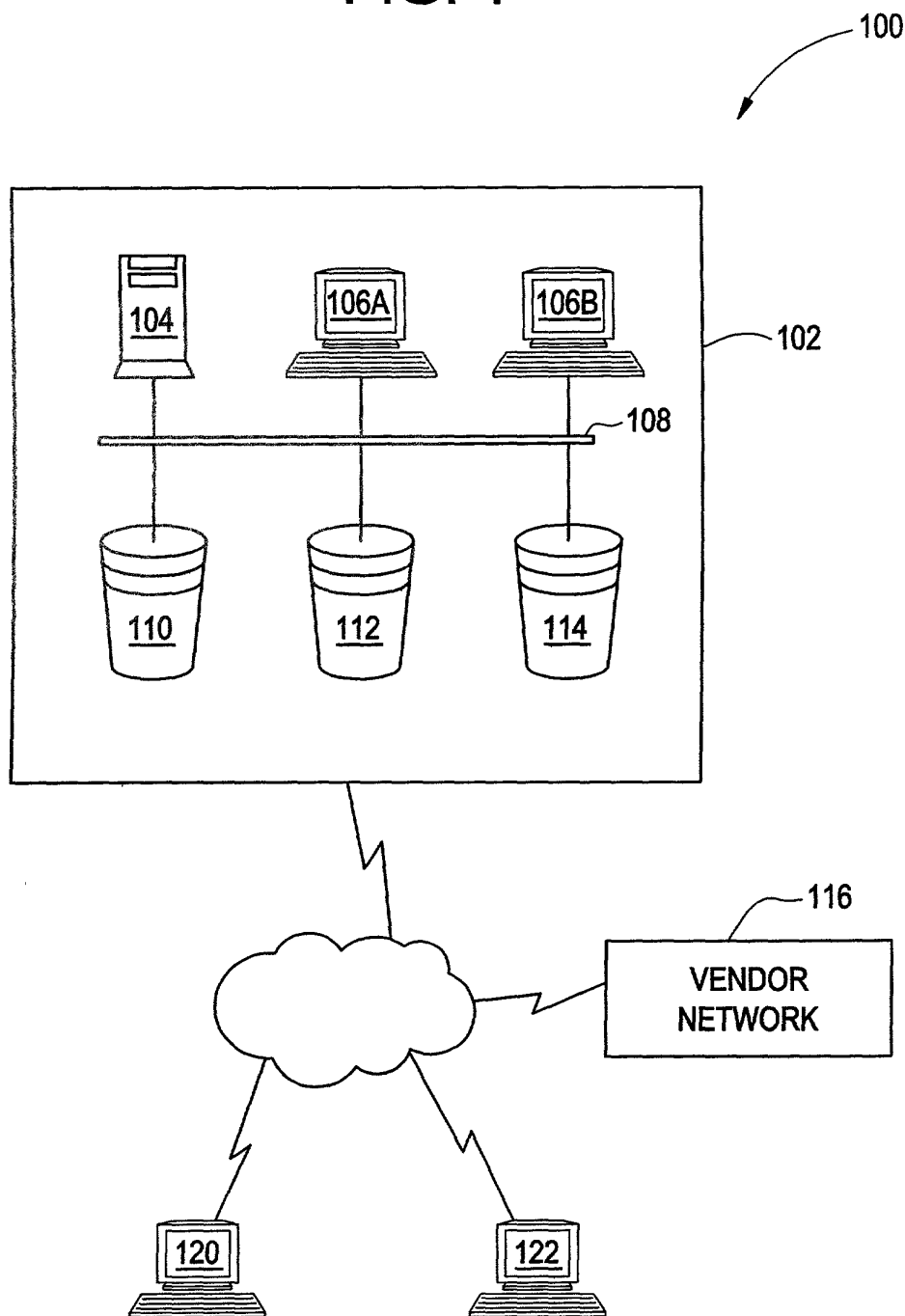


FIG. 2

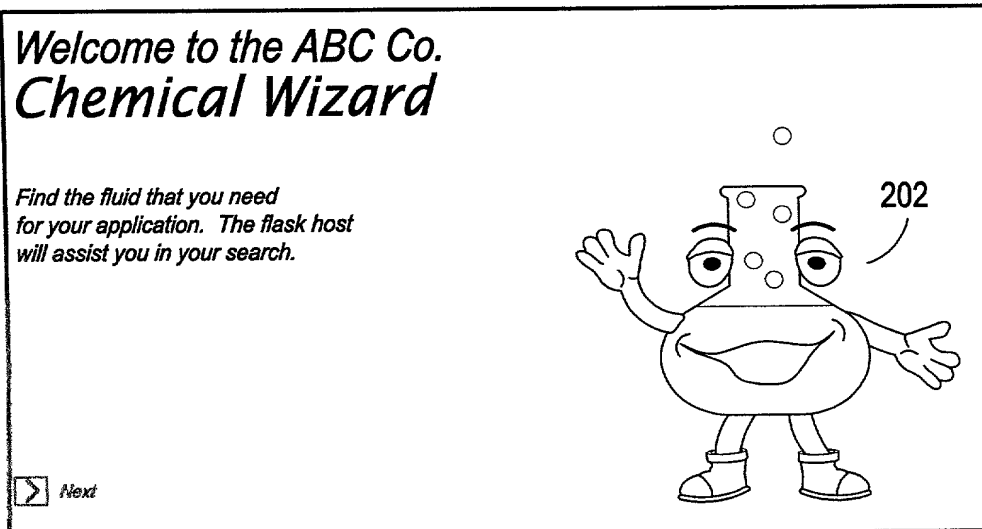


FIG. 3

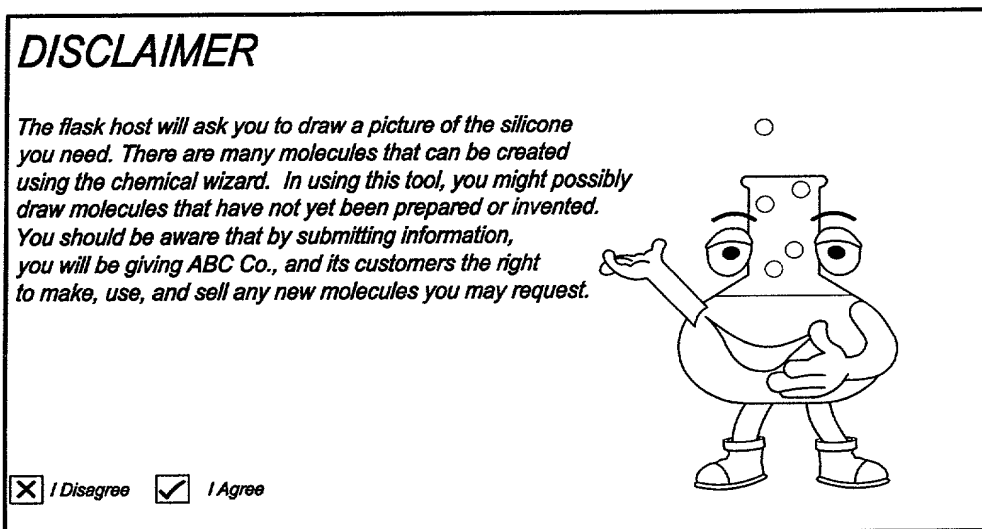


FIG. 4

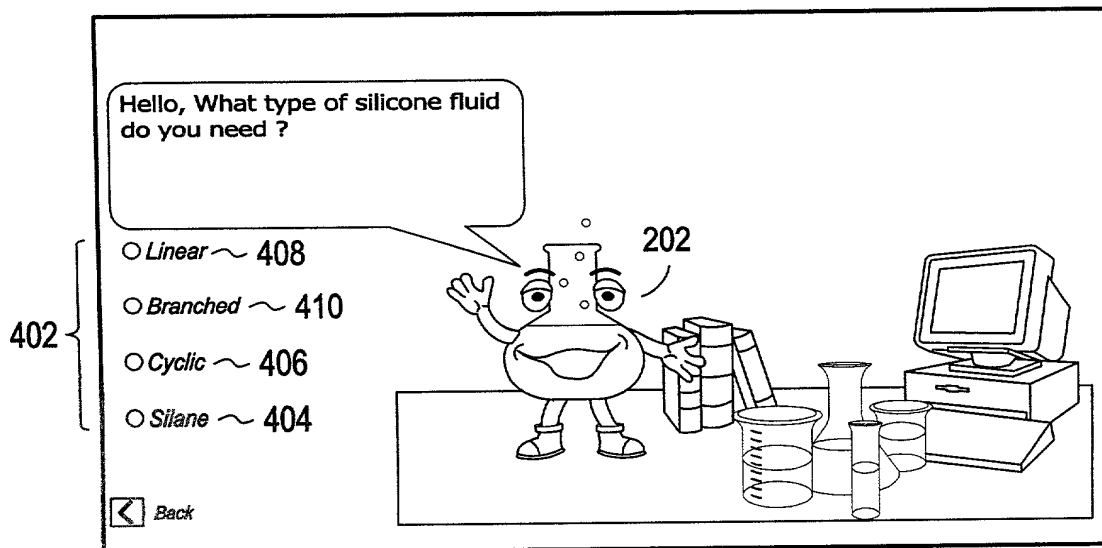


FIG. 5

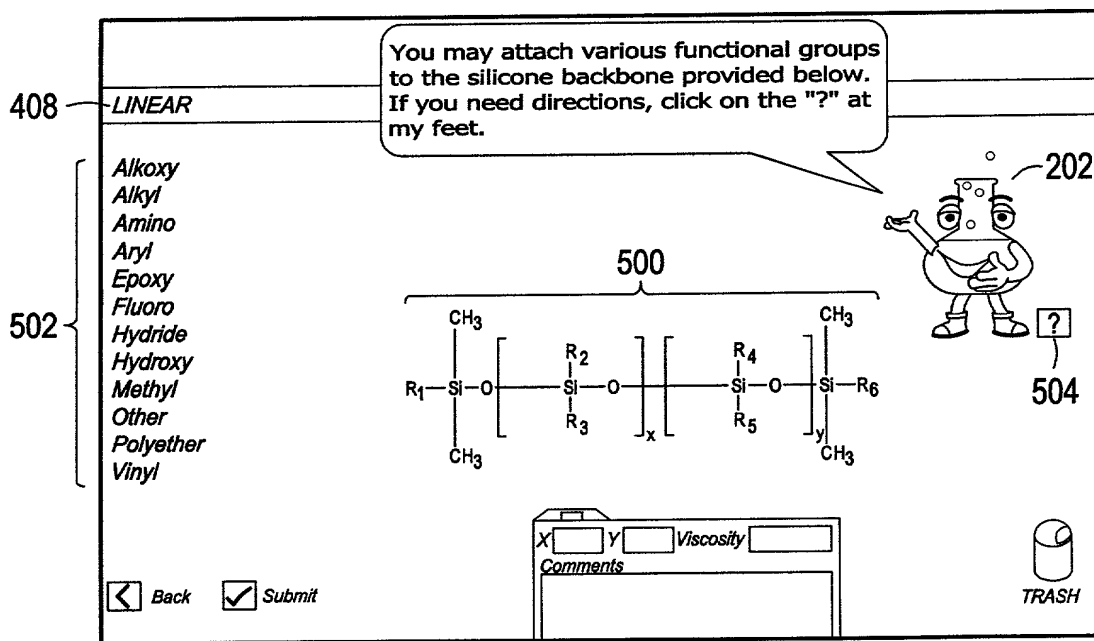


FIG. 6

410 — **BRANCHED**

Please draw me a picture of the fluid you need. You may attach various functional groups to the silicone backbone provided below. If you need directions, click on the "?" at my feet.

202

600

$$\begin{array}{c} \text{CH}_3 \\ | \\ \text{R}_1 - \text{Si} - \text{O} - \left[\begin{array}{c} \text{R}_2 \\ | \\ \text{R}_3 \end{array} \right]_x - \text{O} - \left[\begin{array}{c} \text{R}_4 \\ | \\ \text{O} \end{array} \right]_y - \text{Si} - \text{R}_5 \\ | \\ \text{CH}_3 \end{array}$$

Alkoxy
 Alkyl
 Amino
 Aryl
 Epoxy
 Fluoro
 Hydride
 Hydroxy
 Methyl
 Other
 Polyether
 Vinyl

X Y Viscosity
 Comments

☒ Submit

TRASH

FIG. 7

406 — **CYCLIC**

Please draw me a picture of the fluid you need. You may attach various functional groups to the silicone backbone provided below. If you need directions, click on the "?" at my feet.

700

$$\left[\begin{array}{c} \text{R}_1 \\ | \\ \text{Si} - \text{O} \\ | \\ \text{R}_2 \end{array} \right]_x$$

Alkoxy
 Alkyl
 Amino
 Aryl
 Epoxy
 Fluoro
 Hydride
 Hydroxy
 Methyl
 Other
 Polyether
 Vinyl

X Viscosity
 Comments

☒ Submit

TRASH

FIG. 8

404 **SILANE**

Please draw me a picture of the fluid you need. You may attach various functional groups to the silicone backbone provided below. If you need directions, click on the "?" at my feet.

Alkoxy
 Alkyl
 Amino
 Aryl
 Epoxy
 Fluoro
 Hydride
 Hydroxy
 Methyl
 Other
 Polyether
 Vinyl

$$\begin{array}{c} R_2 \\ | \\ R_1 - Si - R_3 \\ | \\ R_4 \end{array}$$
 800

Comments


 TRASH

FIG. 9

LINEAR

Click ONCE on a chemical group on the left to view your choices.


502 { Alkoxy
 Alkyl
 Amino
 Aryl
 Epoxy
 Fluoro
 Hydride
 Hydroxy
 Methyl
 Other
 Polyether
 Vinyl

500

$$\begin{array}{c} CH_3 \\ | \\ R_1 - Si - O - [\begin{array}{c} R_2 \\ | \\ Si - R_3 \end{array}]_x - [\begin{array}{c} R_4 \\ | \\ Si - R_5 \end{array}]_y - \begin{array}{c} CH_3 \\ | \\ Si - R_6 \\ | \\ CH_3 \end{array} \end{array}$$

X Y Viscosity

Comments

 TRASH

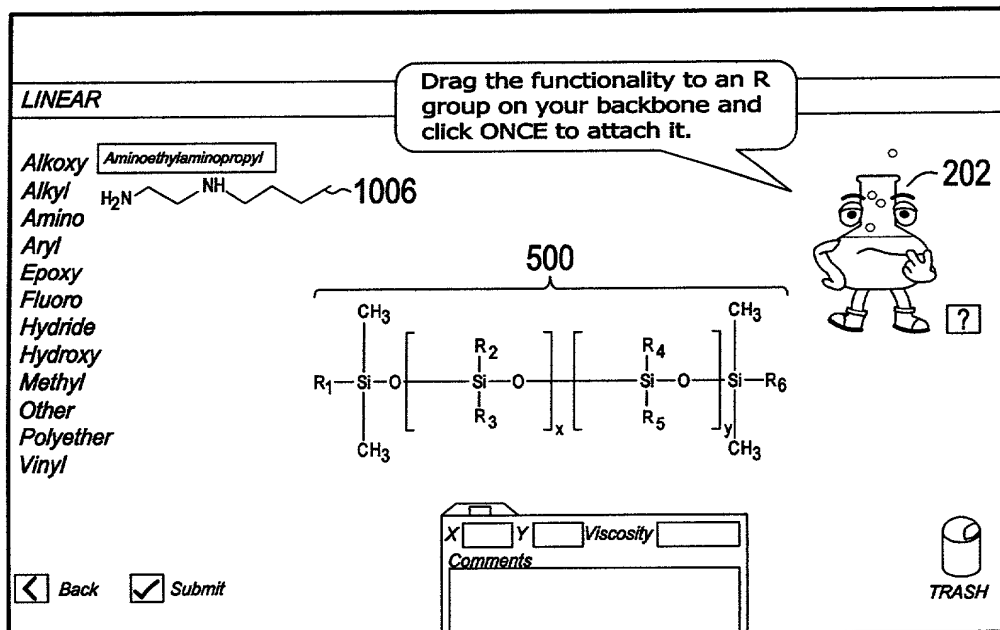


FIG. 12

LINEAR

Repeat this process to add additional groups. You can also add additional information in the text window provided below.

Alkoxy
 Alkyl
 Amino
 Aryl
 Epoxy
 Fluoro
 Hydride
 Hydroxy
 Methyl
 Other
 Polyether
 Vinyl

$$\begin{array}{c}
 \text{CH}_3 \\
 | \\
 \text{R}_1 - \text{Si} - \text{O} - \left[\begin{array}{c} \text{R}_2 \\ | \\ \text{Si} - \text{O} \\ | \\ \text{R}_3 \end{array} \right]_x - \left[\begin{array}{c} \text{NH}_2 \\ | \\ \text{HN} \\ | \\ \text{Si} - \text{O} \\ | \\ \text{R}_5 \end{array} \right]_y - \left[\begin{array}{c} \text{CH}_3 \\ | \\ \text{Si} - \text{O} \\ | \\ \text{R}_6 \end{array} \right]_y \\
 | \\
 \text{CH}_3
 \end{array}$$

1202

☐ Back ☒ Submit

1206

1204

202

?

1208

FIG. 13

LINEAR

Are you sure this is the structure you would like to submit for my search ?

$$\begin{array}{c}
 \text{H}_3\text{C} - \text{Si} - \text{O} - \left[\begin{array}{c} \text{CH}_3 \\ | \\ \text{Si} - \text{O} \\ | \\ \text{CH}_3 \end{array} \right]_x - \left[\begin{array}{c} \text{NH}_2 \\ | \\ \text{HN} \\ | \\ \text{Si} - \text{O} \\ | \\ \text{CH}_3 \end{array} \right]_y - \left[\begin{array}{c} \text{CH}_3 \\ | \\ \text{Si} - \text{O} \\ | \\ \text{CH}_3 \end{array} \right]_y \\
 | \\
 \text{CH}_3
 \end{array}$$

1306

☐ Back ☒ Submit

1304

1302

?



FIG. 14

Could you provide me with some information about your application and confirm your contact information below ?

Application:

Name:

Email:

Phone:

Preferred method of contact: ☒ email ☐ phone

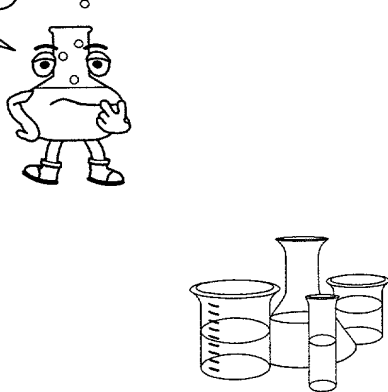


FIG. 15

Thank you for your inquiry. I'll look in my lab and see if I have anything for you. You will be contacted by email with the results of my search. In the meantime, you may be interested in the links provided here.

1502

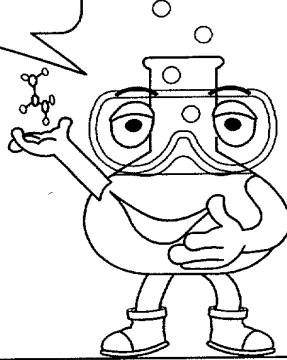


FIG. 16

10063907-070802

Chemistry Wizard WorkFlow Detail Screen
This case is owned by XXXXXXXX

1604 { Customer #: Case#: 1602 Date Submitted:
User information: Name: Address:
State: Zip Code: Country:
Tel: eMail:

1606 { Wizard Data:
Application:
Contact Name: e-Mail:
Phone: Preferred Method of Contact:
Backbone Type:
R1: R4:
R2: R5:
R3: R6:

url to structure:
Previous Comments:
Comments: Status: Disposition: All Comments

1608 {

E-mail to next reviewer: Autoresponses:

FIG. 17

